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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): James H. Schaffner, et al. ) Re: Information Disclosure Statement  
Serial No.: 10/786,736 ) Group: 2817  
Filed: February 24, 2004 ) Examiner: Glenn, Kimberly E.  
For: "RF MEMS SWITCH WITH INTEGRATED ) Our Ref: B-4958NP 621373-2  
IMPEDANCE MATCHING STRUCTURE" ) Date: May 27, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the next Office Action on the merits. Copies of the foreign patent documents and the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003, with the exception of U.S. Patent Application No. 10/944,032 because this application has not yet been published.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the European Search Report for a related European Patent application no. EP 04010832.6 (3 pages). A copy of the European Search Report is enclosed herewith.

It should be noted that the above-identified application may be related by subject matter to the following U.S. Application(s): 10/192,986, filed on July 9, 2002 (published as U.S. Patent

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Application Publication No. 2003/0122721 A1), 10/436,753, filed-  
May 12, 2003 (published as U.S. Patent Application Publication No.  
2003/0227351 A1); 10/714,528, filed November 14, 2003 (published  
as U.S. Patent Application Publication No. 2004/0135649 A1);  
10/792,411, filed on March 2, 2004 (published as U.S. Patent  
Application Publication No. 2004/0227667 A1); 10/792,412, filed on  
March 2, 2004 (published as U.S. Patent Application Publication  
No. 2004/0227668 A1); 10/836,966, filed April 30, 2004 (published  
as U.S. Patent Application Publication No. 2004/0227668 A1);  
10/836,966, filed April 30, 2004 (published as U.S. Patent  
Application Publication No. 2004/0227678 A1); 10/844,104, filed  
May 11, 2004 (published as U.S. Patent Application Publication No.  
2004/0263408 A1); and 10/944,032, filed on September 17, 2004.  
Pursuant to 37 C.F.R. 1.56(a) and M.P.E.P. 2004, paragraph 9, the  
applicant brings these co-pending applications to the attention of  
the Examiner. The Examiner should consider this information  
during the prosecution of the above-identified application.  
However, citation of these applications does not constitute an  
admission that the claims of the present application are  
substantially similar or similar to those of the applications  
listed above.

The filing of this Information Disclosure Statement (IDS) shall  
not be construed as a representation that a search has been made  
(37 C.F.R. 1.97(g)), an admission that the information cited is,  
or is considered to be, material to patentability, or that no  
other material information exists.

This IDS is being submitted after receiving an Office Action on  
the merits, but before receiving a Final Rejection or Notice of  
Allowance, and is accompanied by a check for \$180, which is the  
fee specified in 37 C.F.R. § 1.17(p). Thus, this IDS should be

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fully considered on the merits, in accordance with 37 C.F.R. § 1.97(d).

This paper is not being filed as a response to the Office Action issued May 3, 2005. A response to that Office Action will be made with a separate filing.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

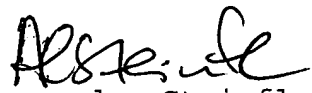
The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on May 27, 2005 by Shana Morda.



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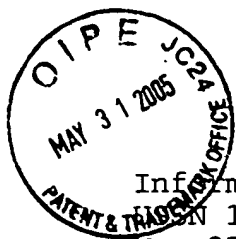
Respectfully submitted,



Alessandro Steinfl  
Attorney for Applicant  
Reg. No. 56,448

LADAS & PARRY  
5670 Wilshire Boulevard  
Suite 2100  
Los Angeles, CA 90036  
(323) 934-2300

Enclosures: Form PTO-1449 (modified) (2 pages)  
Copy of Search Report for EP 04010832.6 (3 pages)  
Copy of Non-U.S. Patent documents listed on Form PTO-1449 (modified), with the exception of U.S. Patent Application No. 10/944,032  
Check for \$180.00



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LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS James H. Schaffner, et al.	
	FILING DATE February 24, 2004	GROUP 2817

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	10/944,032		Sievenpiper			09/17/2004
	6,337,668 B1	1/2002	Ito et al.	343	833	
	6,424,319 B2	7/2002	Ebling et al.	343	911 L	
	6,525,695 B2	2/2003	McKinzie, III	343	756	
	6,624,720 B1	9/2003	Allison et al.	333	105	
	6,642,889 B1	11/2003	McGrath	343	700 MS	
	2003/0193446 A1	10/2003	Chen	343	893	
	2004/0227667 A1	11/2004	Sievenpiper	343	700 MS	
	2004/0227668 A1	11/2004	Sievenpiper	343	700 MS	
	2004/0227678 A1	11/2004	Sievenpiper	343	702	
	2004/0263408 A1	12/2004	Sievenpiper et al.	343	757	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	01/73891 A1	10/2001	WO			
	01/73893 A1	10/2001	WO			
	03/098732 A1	11/2003	WO			

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Brown, W.C., "The History of Power Transmission by Radio Waves," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. MTT-32, No. 9, pp. 1230-1242 (September 1984).
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	Swartz, N., "Ready for CDMA 2000 1xEV-Do?," <i>Wireless Review</i> , 2 pages total (October 29, 2001).
	Yang, F.R., et al., "A Uniplanar Compact Photonic-Bandgap(UC-PBG) Structure and Its Applications for Microwave Circuits," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 47, No. 8, pp. 1509-1514 (August 1999).

<u>EXAMINER</u>	<u>DATE CONSIDERED</u>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.